



(Replacement sheet)

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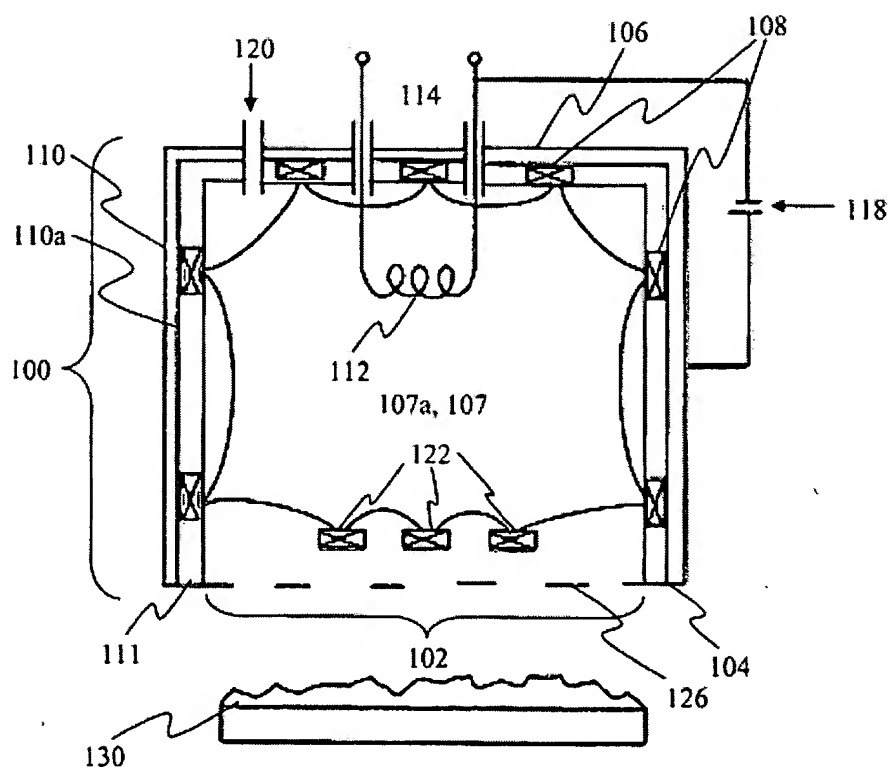


FIG. 1

(Replacement sheet)

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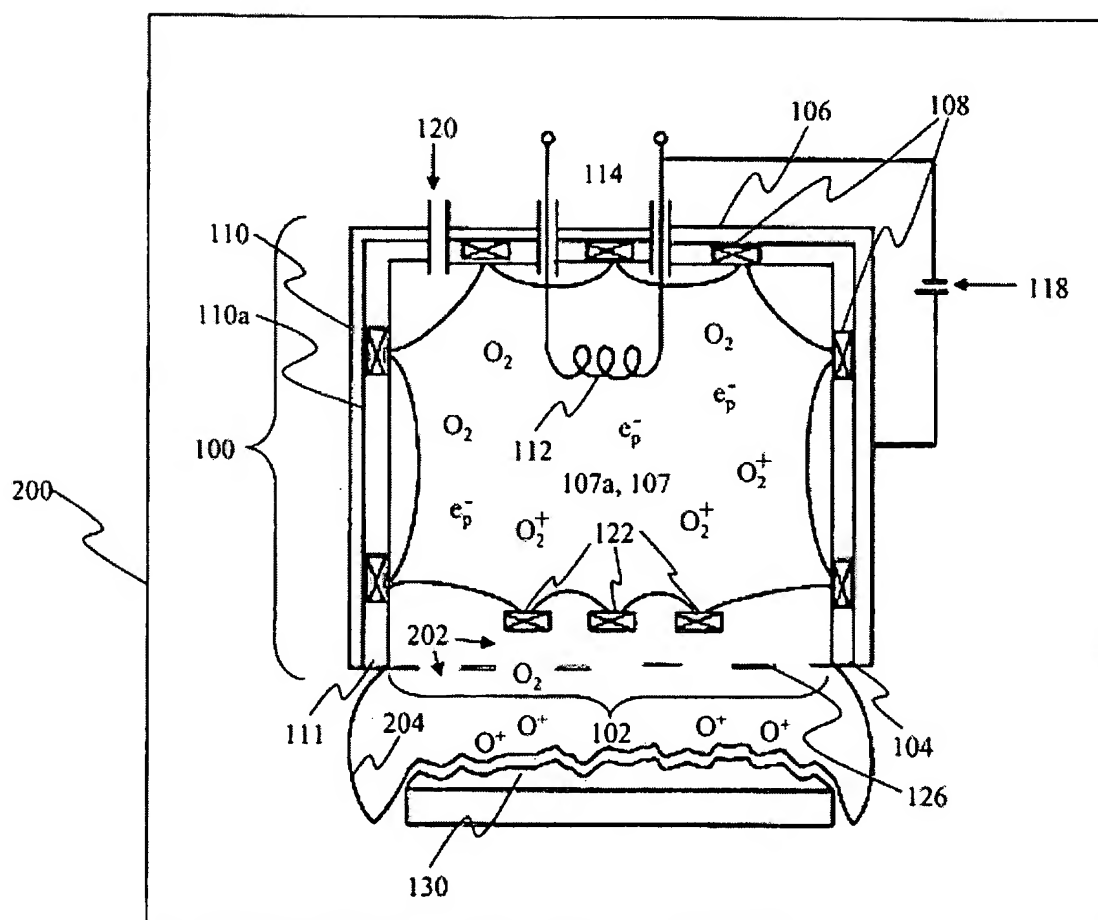
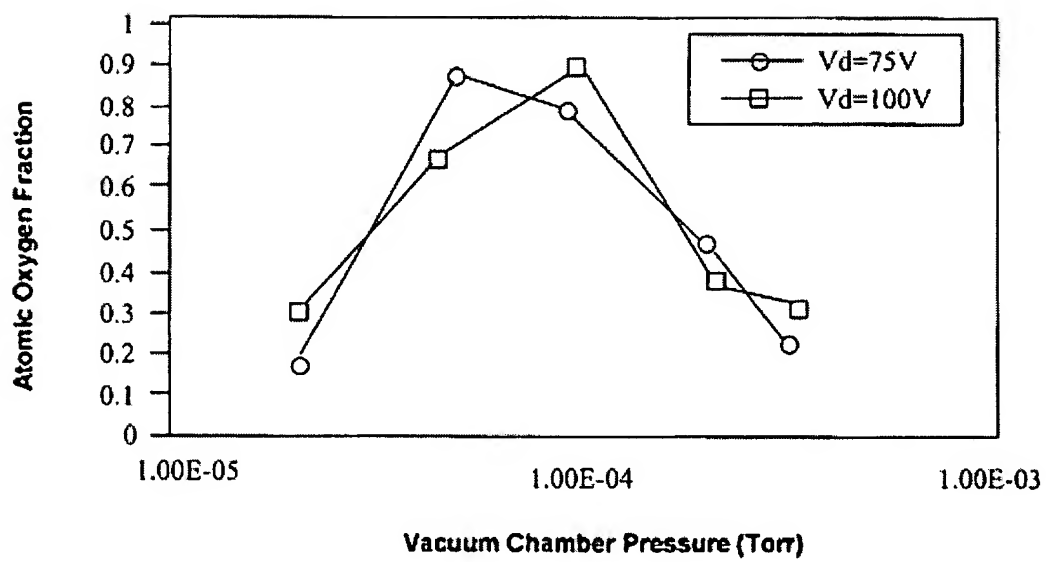


FIG. 2

(Replacement sheet)

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**FIG. 3**

(Replacement sheet)

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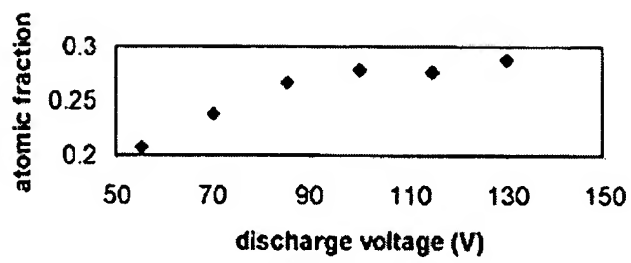


FIG. 4a

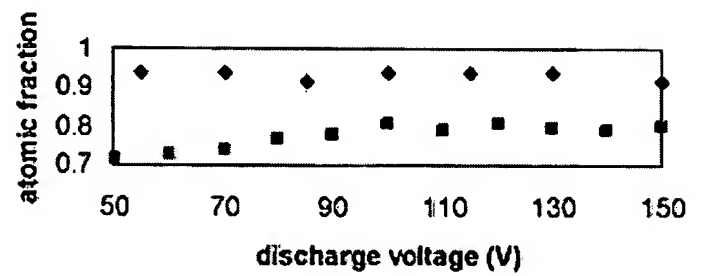


FIG. 4b

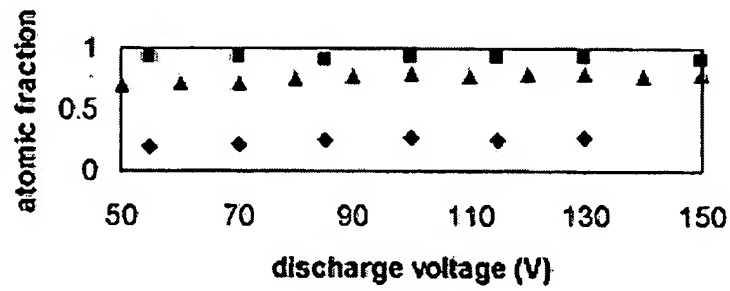
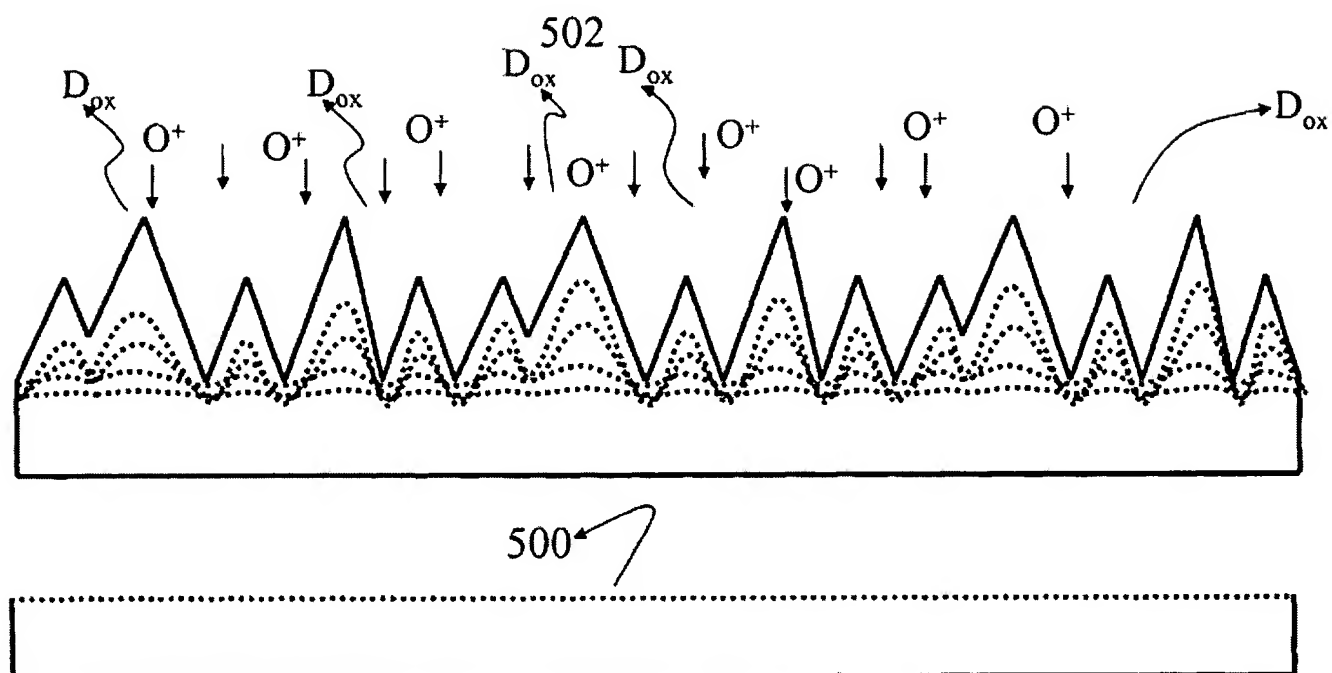


FIG. 4c

(Replacement sheet)

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$O^+$  = atomic oxygen ions

C = diamond oxidation product(s)

FIG. 5